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A  
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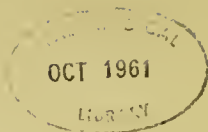
A  
TREATISE  
ON  
H Y S T E R I A.

BY  
ROBERT LEE, M.D., F.R.S.

LATE PHYSICIAN TO THE BRITISH LYING-IN HOSPITAL, AND ST. MARY-LE-BONE INFIRMARY;  
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## A TREATISE ON HYSTERIA.

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ONE of the most rare and characteristic symptoms of hysteric diseases (*πταρμος*, sternutatio) has been mentioned by Hippocrates in his xxxv. Aphorism, from which it may be inferred that all the varieties of these diseases had long been well known to the Greeks.

Aretæus has thus described hysteric diseases in the eleventh chapter of his works :—"In the middle of the flanks of a woman lies the womb, a female viscus closely resembling an animal, for it is moved of itself hither and thither in the flanks, also upwards in a direct line to below the cartilage of the thorax, and also obliquely to the right or left, either to the liver or spleen; and it is likewise subject to prolapsus downwards—in a word, it is altogether erratic; it delights also in fragrant smells, and advances towards them; and it has an aversion to fœtid smells, and flees from them, and on the whole it is like an animal within an animal."

Where therefore it is suddenly carried and remains above for a considerable time, and violently compresses the intestines, the woman ex-

periences a choking, after the form of epilepsy, but without convulsions; for the liver, diaphragm, lungs, and heart, are quickly squeezed within a narrow space, and therefore loss of breathing and speech seems to be present; and moreover the carotids are compressed from sympathy with the heart, and hence there is heaviness of head, loss of sensibility, and deep sleep.

Aretæus further observes, that in women there also arises another affection resembling this form, with sense of choking and loss of speech, but not proceeding from the womb, for it also happens to men in the manner of catochus; but those from the uterus are removed by foetid smells, and the application of fragrant things to the female parts; but in the others these things do no good; and the limbs are moved about in the affections from the womb, but in the other affection not at all.

Aretæus then describes the symptoms which he supposed to depend upon the womb's being moved upwards, which he says are "sluggishness in the performances of her offices, prostration of strength, atony, loss of some of her faculties, vertigo, and the limbs sink under her, headache, heaviness of the head, and the woman is pained in the veins on each side of the head. But if the womb fall down, women have heartburn in the hypochondriac regions; the flanks are empty, pulse intermittent, irregular, and failing, strong sense of choking, loss of speech and sensibility,

respiration imperceptible and indistinct, a very sudden incredible death, for they have nothing deadly in their appearance—a colour like that of life, and for a considerable time after death they are more ruddy than usual. Eyes somewhat prominent, bright, and not entirely fixed, but yet not very much turned aside.”—(Adams’ Translation.)

The characteristic symptoms of hysteria were known to Galen, Celsus, and other subsequent writers.

An epistle from Dr. Thomas Sydenham to Dr. William Cole, treating of the small-pox and hysteric diseases, was published January 20th, 1681–2.

“I proceed now,” he says, “in compliance with your request, to communicate the observations I have hitherto made concerning hysteric disorders, which I own are not so easily discovered nor so readily curable as other diseases. However, I will endeavour to acquit myself herein to the best of my ability, and with that brevity which a letter requires, which in reality I am obliged to on account of my ill-health, particularly at this season of the year, when too intense application would immediately bring on a fit of the gout. For this reason I shall avoid prolixity, and proceed according to my usual method, which consists in giving a short history of the disease according to its genuine natural phenomena, and subjoining the method of cure which

hath succeeded best with me, and which I formerly learnt rather from my own experience than from reading."

"Hysteric diseases," says Sydenham, "make a moiety of chronic diseases; these appear under numerous forms, resembling most of the distempers wherewith mankind are afflicted. The hysteric passion sometimes resembles an apoplexy or epilepsy—sometimes a vehement pain in the head, with excessive vomiting—sometimes it causes a palpitation of the heart—sometimes a dry cough—sometimes a disorder resembling the iliac passion—sometimes a disorder resembling a fit of the stone—sometimes it occasions a continual vomiting or purging—sometimes it attacks the external parts, causing a pain or tumour of the fauces, shoulders, hands, thighs, and in which kind the swelling which distends the legs is most remarkable. For whereas in dropsical swellings these two particulars may always be observed—namely, they increase towards night, and pit for some time, being pressed by the finger; in this tumour the swelling is largest in the morning and does not yield to the finger or leave any mark behind it, and it generally swells only one of the legs."

The teeth also (which one would scarce believe are subject to this disease), though free from the least cavity and manifest defluxion that might cause pain, which nevertheless is not at all milder, of shorter continuance, or more easily curable.

But the pains and swellings that affect the external parts chiefly happen to such women as are almost worn out by the long continuance and violence of hysteric fits.

But the most frequent of all the tormenting symptoms of this disease is a pain of the back, which generally accompanies even the slightest degree of it. The above-mentioned pains likewise have this effect—that the part they affect cannot bear the touch after they are gone off, but remains tender and painful as if it had been severely beaten; but this tenderness wears off by degrees.

“It is likewise extremely well worthy noting that all these symptoms are preceded by a remarkable coldness of the external parts, which seldom goes off before the fit ceases. And I have observed that this coldness resembles that which is perceived in dead bodies, the pulse notwithstanding continuing regular. Whereto may be added, that most of the hysteric women that I have hitherto treated have complained of a lowness and a sinking of the spirits by their pointing to the region of the lungs, to show the part affected seemed to be seated there. Lastly, it is generally known that hysterical women sometimes laugh and sometimes cry excessively without the least apparent provocation.”

But amongst the symptoms accompanying this disease, the most peculiar and general one is the making great quantities of water; which I

find upon diligent inquiry to be the distinguishing sign of those disorders which we call hypochondriac in men, and hysteric in women.

“Moreover, in hysteric and hypochondriac subjects, when the disease has been of long standing, they have fœtid and sometimes highly acid eructations after eating, though they eat moderately according to the appetite, the digestive faculty being greatly impaired, and the juices vitiated.”

“It would take up too much time to enumerate all the symptoms belonging to hysteric diseases, so much do they vary and differ from each other. Democritus, therefore, in writing to Hippocrates, seems to have had reason to assert, though he mistook the cause of the disease, that the womb was the origin of six hundred evils and innumerable calamities. Nor do they only differ so greatly, but are so irregular likewise, that they cannot be comprehended under any uniform appearance as is usual in other diseases; but are a kind of disorderly train of symptoms, so that it is difficult to write the history of this disease.”

Sydenham referred this disorderly train of symptoms, which he said almost defied description, “to irregular motion of the spirits,” “disorder of the animal spirits.” To this irregular motion of the spirits the *clavus hystericus* is to be ascribed, in which all the spirits are collected in a certain point of the pericranium, occasioning such a kind of pain as if a nail were driven into

the head, and attended with a copious discharge of green matter by vomit. And this contraction of all the spirits into a kind of point differs little from a collection of the rays of the sun by a burning glass, for as these burn by their united force, so those for the same reason cause a pain by tearing the membranes with united violence.

The chief curative indication in this disease, according to Sydenham, is that which directs strengthening of the blood, which is the source and origin of the spirits. Bleeding, purging, opiates, foetid medicines, chalybeates, Venice treacle, bitters, bark, milk diet, were some of the means which he employed to strengthen the blood, and subdue the irregular actions and motions of the animal spirits. But the best thing I have hitherto found for strengthening and clearing the spirits, is riding on horseback some hours almost every day.

Sydenham published no cases of hysteria in women, and the two following are the only cases he published which he considered genuine examples of hysteria in the male sex :—

“ Three years since a nobleman sent for me, who seemed to be afflicted with a hypochondriac colic, differing little from an iliac passion, attended with pain and immoderate vomitings, which he had long laboured under, so that he was in a manner worn out. During the whole course of the disease, whenever he was worse I observed that he always voided a clear colourless



urine; but upon the abatement of the disorder it inclined to its natural straw colour. Visiting him one day, I found that his urine was made at several times, and kept apart, of a straw colour, and he was very cheerful, had an appetite, and thought of eating something of easy digestion; but some person coming in that instant, and putting him into a violent passion, he immediately thereupon made a large quantity of clear water."

Sydenham has recorded, in the following history, his second case of supposed hysteria in the male sex, and which has been quoted as such by many subsequent authors, without sufficient evidence :—

"I was called, not long since, to an ingenious gentleman, who had recovered of a fen fever but a few days before. He employed another physician, who had blooded and purged him thrice, and forbade him the use of flesh. When I came and found him up, and heard him talk sensibly on some subjects, I asked him why I was sent for; to which one of his friends replied—'If I would have a little patience, I should be satisfied.' Accordingly, sitting down and entering into conversation with the patient, I immediately perceived that his under lip was thrust outward, and in frequent motion (as it happens to fretful children before they cry), which was succeeded by the most violent fit of crying I had ever seen, attended with deep and almost convulsive sighs ;



but it soon went off. I conceive that this disorder proceeded from an irregular motion of the spirits, occasioned by the long continuance of the disease, but partly by the evacuations that were required in order to the cure."

The difference between hypochondriac and hysteric diseases has thus been described by Dr. Hoffman :—"The hysteric passion is falsely held by several modern writers to be the same with the hypochondriac disease, or to differ only with respect to the sex and not in nature; the latter seizing only men and the former women. But to show that there is a real difference between them it would be worth while to give a true history of the hysteric disease, to which end if we consult the ancients, and especially Hippocrates, Aretæus, Fernelius, Donatus, Montanus, Ballonius, Mercuriales, and J. Heinsius, they seem unanimously of opinion that a strangulation of the fauces, quick and difficult respiration, so as to endanger suffocation, loss of speech, and all sense of motion, are to be accounted the proper and essential symptoms of this uterine disease; and, in effect, though both the hypochondriac and hysteric diseases appear to have some symptoms in common, yet they have several ones respectively which fully manifest that they differ considerably from each other."—Note, p. 368.

The first lines of the "Practice of Physic," and the "Synopsis Nosologiæ Methodicæ," of Dr. Cullen, contain an elaborate description of

the phenomena of hysteria, and a hypothesis slightly different from that of Sydenham is propounded to explain all the symptoms, which it does not accomplish in a satisfactory manner. At page 285 he says:—"Having thus endeavoured to distinguish hysteria from every other disease, I shall now attempt its peculiar pathology. With respect to this it will, in the first place, be obvious that its paroxysms begin by a convulsive spasmodic affection of the alimentary canal, which is afterwards communicated to the brain, and to a great part of the nervous system. Although the disease appears to begin in the alimentary canal, yet the connexion which the paroxysms so often have with the menstrual flux, and with the diseases that depend on the state of the genitals, shows that the physicians have at all times judged rightly in considering this disease as an affection of the uterus and other parts of the genital system.

"With regard to this, however, I can go no further. In what manner the uterus, and in particular the ovaria, are affected in this disease, how the affection of these is communicated with particular circumstances to the alimentary canal, or how the affection of this rising upwards affects the brain so as to occasion the convulsions which occur in this disease, I cannot pretend to explain.

"But although I cannot trace this disease to its first causes, or explain the whole of the phenomena, I hope that with respect to the general

nature of the disease, I may form some general conclusions which may serve to direct our conduct in the cure of it.

“Thus from a consideration of the predisponent and occasional causes it will, I think, appear that the chief part of the proximate cause is a mobility of the nervous system depending generally on its plethoric state.

“Whether this disease ever arises from a mobility of the system, independently of any plethoric state of it, I cannot possibly determine ; but in many cases that have subsisted for some time it is evident that a sensibility and consequently a mobility are acquired which often appears when neither a general plethora can be supposed to subsist nor an occasional turgescence to have happened. However, as we have shown above that a distension of the vessels of the brain seems to accompany epilepsy, and that a turgescence of blood in the vessels of the lungs seems to produce asthma ; so analogy leads me to suppose that a turgescence of blood in the uterus, or in other parts of the genital system, may occasion the spasmodic convulsions which appear in hysteria. It will, at the same time, be evident that this affection of the genitals must especially occur in plethoric habits, and every circumstance mentioned in the history of this disease seems to confirm this opinion with respect to its proximate cause.”

In 1806 a treatise on the utility and adminis-

tration of purgative medicines in hysteria and several other diseases, was published by Dr. James Hamilton, Physician to the Royal Infirmary of Edinburgh. After describing the common symptoms of hysteria, Dr. Hamilton says: "Frequent disappointments in curing hysteria have led me to take a full and, I hope, an impartial review of the subject. This review has inclined me to doubt the solidity of the opinions which have been entertained respecting hysteria, and the soundness of that uniform practice which has been so long followed in the treatment of it."

After stating the opinions of Sydenham, the author observes:—"To have quoted these passages setting forth the opinions of Sydenham's doctrine on this subject, is *pace tanti viri* to refute it. For, indeed, it is not easy to comprehend what Sydenham understands by the animal spirits, or in what manner they are impelled by rapid motion from one place or organ into another, so as to induce precisely the hysterical convulsion."

Respecting Dr. Cullen's theory, Dr. Hamilton considered that it rested more upon supposition, and a consequent train of reasoning, than upon facts and experience; and that it therefore now meets less attention than it has commanded for many years. "I do not perceive," adds Dr. Hamilton, "that Dr. Cullen anywhere mentions purgative medicines as proper in hysteria; Syden-

ham gives them previous to the exhibition of other medicines, for three or four consecutive mornings.

“For the rest, both these learned and celebrated men treat hysteria with astringent, stimulant, and tonic medicines, in the view of restraining and regulating the irregular motion of the animal spirits, or of obviating the too great sensibility and mobility of the system; the cure of hysteria by this management is often difficult and generally tedious.”

From this history the reader will perceive that considerable derangement of the stomach and alimentary canal is prevalent throughout the whole of this disease. Among the symptoms which mark the hysteric constitution, shifting pains of the abdomen, flatulence, constipation at one time, at another vomiting and purging, together with acid and foetid eructations, are conspicuous.

The sensation of a ball wandering through the abdomen and ascending to the stomach, and from thence through the *œsophagus* to the pharynx, is a prominent symptom among those which immediately precede and give warning of the approach of the fit.

Convulsive motions of the muscles of the abdomen, which are thereby greatly contracted and drawn inwards, accompany the paroxysm; upon the cessation of which a murmuring noise throughout the abdomen is frequently heard.

These symptoms undoubtedly must denote a preternatural affection of the stomach and alimentary canal. In my opinion they afford conclusive evidence that this affection is primary, and that the other multifarious symptoms of hysteria depend upon it. I have therefore thought it reasonable to attend particularly to the state of the stomach and intestines, and to employ in the first place purgative medicines to remove the constipation of the body, which most commonly prevails in hysteria. I have seldom seen vomiting and purging in cases of pure hysteria; but the presence of these symptoms would not deter me from exhibiting purgatives, which I should conceive to be peculiarly adapted for their removal, as the efficacy of purgative medicines in removing these symptoms in other circumstances of disease is well known. I was the more disposed to adopt this practice in hysteria from my experience of its general safety and peculiar utility in other diseases that are commonly supposed to be of a nervous nature.

In particular cases, where great anxiety prevails, recourse may be had to wine in moderate quantity, till such time as relief is obtained by purgatives.

I may add by way of caution, that in hysteria, as well as in chorea, chlorosis, and hæmatemesis, the full exhibition of active purgatives is necessary to procure even moderate evacuations from the bowels, and that this exhibition must be



continued from day to day till such time as the fæces are natural or till the disease ceases.

Dr. Hamilton believed, as Sydenham did, that hysteria occurs in the male sex, and that the disease does not originate in the ovaria as Cullen suspected, nor in the uterus, as the ancients affirmed.

During the years 1816 and 1817, when holding the office of physician's clerk to Dr. Hamilton, in the wards of the Edinburgh Royal Infirmary, extensive opportunities were afforded me of witnessing the successful results of the treatment of hysterical diseases by purgative medicines, mild tonics, and light diet. Subsequent observations made in London on a great scale, in public institutions and in private practice, have led me to the conviction that purgative medicines administered in the persevering manner pointed out by Dr. Hamilton, are the most powerful remedies which can be employed in the treatment of all the varied forms of hysterical diseases.

In 1827 Sir Benjamin Brodie published three "Lectures illustrative of certain local Nervous Affections." "It was not his object," he said, "to give a complete history of any one disease, but to pourtray a certain order of symptoms, which while they have many characters in common, may arise from various causes, and require very different modes of treatment for their relief." A middle-aged lady, subject to fits connected with hysteria, complained of a constant

severe pain, which she referred to a spot, about three or four inches in diameter, in the situation of the false ribs of the left side. "No morbid appearance could be detected in this part after death: there was neither inflammation nor adhesion, nor any morbid change of structure, nor the slightest deviation of any kind from the natural condition of the part." Now such a case as this is by no means uncommon. It is only one of many which might be adduced in proof of this proposition—namely, that the natural sensations of a part may be increased, diminished, or otherwise perverted, although no disease exists in it which our senses are able to detect, either before or after death."

After adducing various examples of what Sir Benjamin considered local hysterical affections in the joints, spine, bladder, abdominal viscera, œsophagus, larynx, mammæ, and other organs of the body, as Sydenham had done, in which there was no disease discovered after death, he says—"I have hitherto described these cases as if they were peculiar to the female sex, but it is not so in reality; and I have known several (though by comparison rare instances) of males being affected in the same manner. I employ the term hysteria because it is in common use, and because it would be inconvenient to change it for another; but the etymology of it is undoubtedly calculated to lead to a great misapprehension with respect to the pathology of the



disease. It belongs not to the uterus, but to the nervous system; and there is no one much engaged in medical or surgical practice who will not be able to bear testimony to the accuracy of Sydenham's observations on this subject:—  
'*Quinimo non pauci ex iis viris qui vitam degentes solitariam chartis solent impallescere eodem morbo tentantur.*' "

Having never seen at any period of my life a genuine case of hysteria in the male sex, I am unable to bear testimony to the accuracy of Sydenham's observations on this subject. But in the female sex I have seen a great number. Accurate clinical reports have been made of more than two hundred cases, of which written histories have been preserved. If these be examined, it will be seen that in none did the disease occur before the age of puberty, and in few after the middle period of life. In few of the cases recorded were the functions of the ovaria and uterus in a perfectly healthy state. In the greater number there was amenorrhœa, dysmenorrhœa, menorrhagia, leucorrhœa, or some morbid state of increased or diminished sensibility of the uterus, without any organic disease. In the greater number of the cases included in this Clinical Report there was incurable sterility.

In hysteric diseases, the whole nervous system appears to suffer in a peculiar manner—the brain, spinal cord, all the nerves of sensation and voluntary motion, and especially the ganglia and

other nervous structures of the thoracic, abdominal, and pelvic viscera. In many cases the principal and primary seats of these diseases appeared to be the visceral ganglia and nerves, especially the uterine and renal.

The following is a brief analysis of the principal symptoms observed in these cases. Pain in the uterine and lumbar regions, in the hips, thighs, and abdomen, in the back, neck, temples, and various joints; derangement of the functions of the uterine organs, irregularity or absence of the catamenia, leucorrhœa, discharges of fleshy or membranous substances from the uterus and vagina; disorder of the stomach and bowels, loss of appetite, desire for unnatural and unwholesome food, nausea, vomiting, constipation, derangement of the organs of respiration and speech, hoarseness or loss of voice, and shortness of breath; cough, difficulty of swallowing, sensation of fulness in the throat, rigidity of the muscles of mastication, complete fixity of the jaw, palpitation of the heart, irregular action of the kidneys, secretion of urine deficient, or pale and abundant; unhealthy colour of the skin, pallor, chlorosis, irritation of the bladder, micturition painful and frequent, involuntary retention of urine, unnatural tenderness of the abdomen and other parts of the body, sensation of crawling in the skin or internal organs of the body, swelling of the abdomen, flatulence, globus hystericus, debility, sensation of heat, weight and throbbing

in the head and temples, impairment, indistinctness of vision, attacks of giddiness, faintness, insensibility, paroxysms of laughter and crying, melancholy, despair, powers of memory and mind impaired, maniacal attacks at the monthly periods more especially, disturbed sleep, dreams, loss of power in the arms or legs, coldness or tingling, swelling of the ankles.

Respecting the origin of hysteria, I have been led to believe, from the symptoms observed in these two hundred cases, and from facts which have been ascertained during the present century respecting the structure and physiology of the ovaria and Graafian vesicles and the cause of menstruation, that hysteria originates in the ovaria. It is now known that all the peculiarities of the female sex depend upon the ovaria, and at the age of puberty the Graafian vesicles contain mature ova, which are ready to escape at the monthly periods, and that upon this process all the phenomena of menstruation depend.

Between the ovarian and uterine ganglia and nerves and the brain there is an intimate connexion established through the visceral ganglia and nerves of the thorax, abdomen, and pelvis.

From the symptoms observed in different cases of hysteria, I have been induced to think that the uterine ganglia and nerves have often been the chief seats of the disease; in others the semilunar ganglia of the great sympathetic; and in others, the great ganglia on the trunks

of the par vagum at the root of the heart and lungs, from which the recurrent nerves proceed to the larynx, trachea, and other parts connected with respiration and deglutition.

The symptoms in many cases of hysteria clearly point out the renal ganglia and nerves which supply the ovaria as the nervous structures chiefly affected.

If the cases contained in this Clinical Report be carefully examined, it will appear that in their treatment, cathartic medicines, mild vegetable tonics, light diet, exercise in the open air near the sea-shore, on foot or on horseback, tepid bathing and tepid hip-baths, and the proper regulation of the mind, were the most useful remedies, and that under this treatment the greater number were in the course of time restored to health.

Other methods of treatment had been had recourse to in many of these cases by other practitioners of reputation without any temporary or permanent benefit.

The following is a simple enumeration of these :—

Assafoetida, valerian, and ammonia.

Ammoniated tincture of guaiac.

Bromide and iodide of potassium.

Balls of mercury introduced into the vagina.

Sulphate of zinc and sulphate of copper.

Chloroform.

Bichloride of mercury and quinine.

Extract of aconite and camphor.

Tincture of sumbul.

Tincture of castor.

Cubebs and taraxacum.

Liquor potassæ.

Acetic acid.

Strychnine and iron.

Leeches to the os uteri.

Dilating the os uteri with bougies.

Cutting the os and cervix uteri with hysterotomes and other cutting instruments.

Long-continued courses of speculum and caustic treatment.

Mesmerism, galvanism, and galvanic chains.

Homœopathy and hydropathy.

Cold and warm bathing.

Various mineral waters, especially those of Spa, Kreutznach, Homburg, and Kissingen.

Clitoridectomy ; and, lastly,

Cutting away the coccyx.



ENGRAVINGS  
OF THE  
GANGLIA AND NERVES  
OF THE  
UTERUS AND HEART.

*(From the “Philosophical Transactions.”)*









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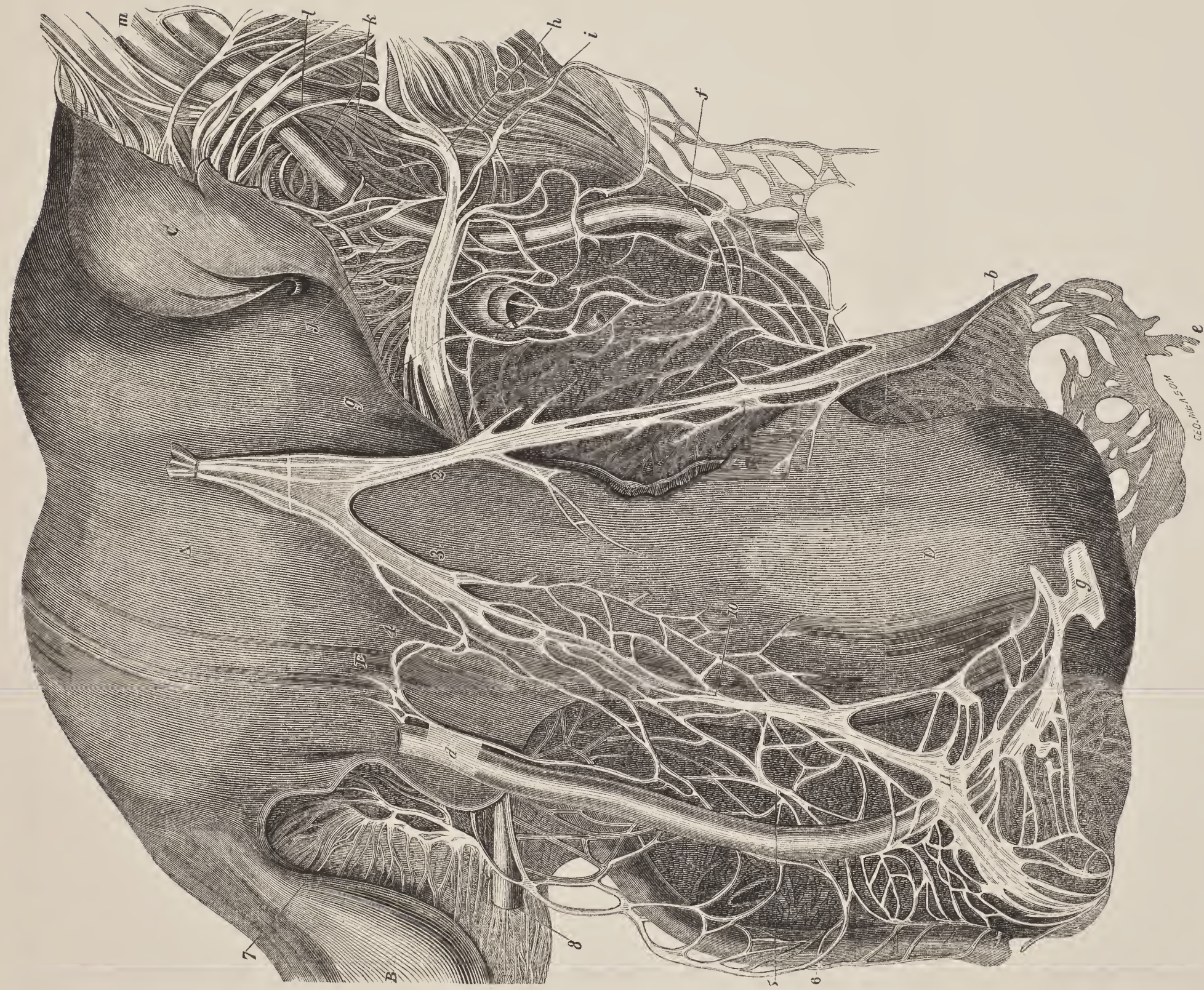






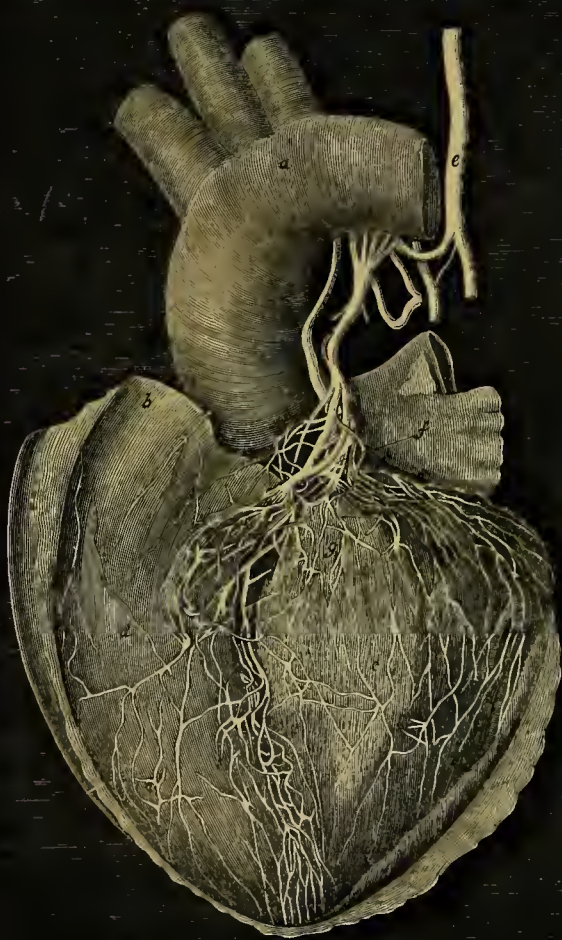
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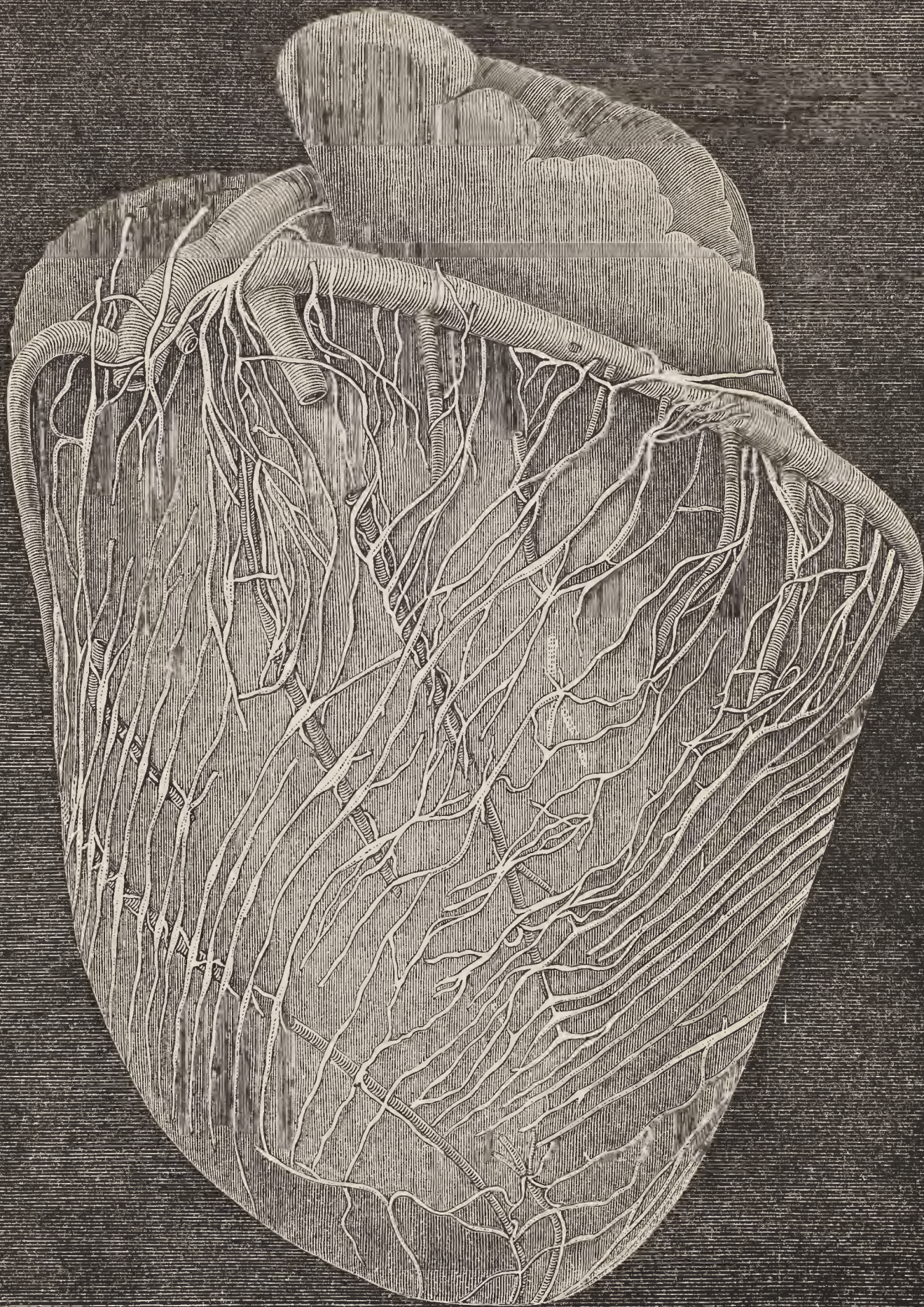






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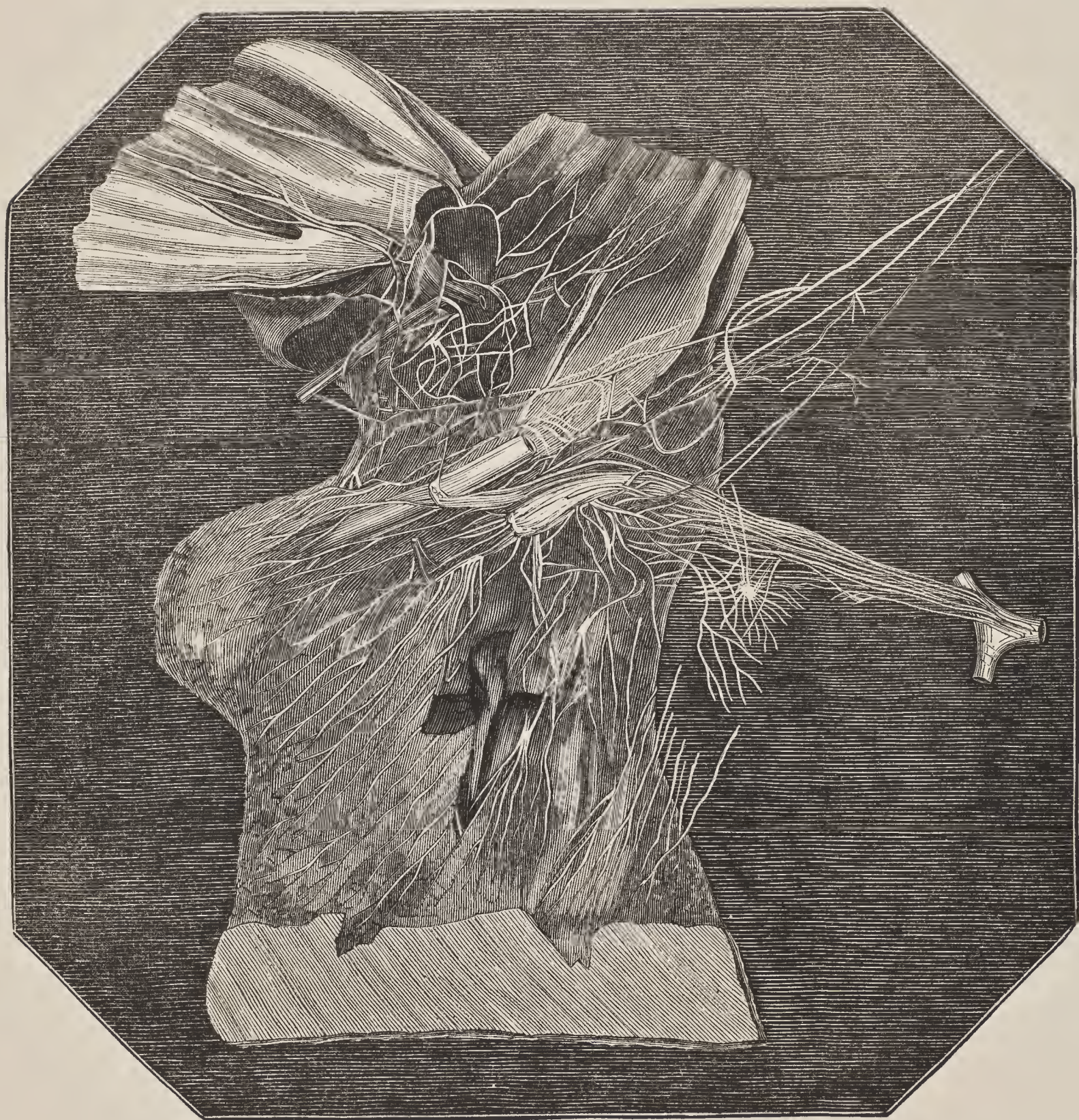






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